O. H. M. S.

W. J. Gerald

Deputy Minister.

LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 130

TEA, 1906

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OTTAWA, January 8, 1907.

W. J. GERALD, Esq.,

Deputy Minister of Inland Revenue.

SIR,—In the month of July last representations were made to you regarding the artificial colouring of teas, and stating that large quantities of artificially coloured green, Japan and Ceylon teas were imported into the Canadian market by every steamer. The complaints came from Toronto, and although it was believed that such colouring or 'facing' was not a common practice, it was nevertheless thought advisable to cause a collection of tea samples to be made. This took place in August and September, 1906, when samples were collected and subjected to examination in this laboratory, the results of which, as ascertained by Mr. A. Valin, are given in the tabulated statement accompanying this report.

In considering these results it is necessary to remember that there exists an Order in Council, dated September 11, 1894, establishing the following regulation under the 19th section of the Adulteration Act as to when the tea shall be considered as adulterated :—

> Tea shall be considered as adulterated which contains leaves other than those of the tea-plant ; or previously infused leaves or leaves of inferior quality to such an extent as to reduce the amount of extract or substances soluble in hot water to less than thirty per cent, or cause the proportion of ash soluble in hot water to be less than two and three quarters per cent ; or any admixture of chemicals or other deleterious substances, or such an amount of mineral matter as will cause the amount of ash to exceed eight per cent reckoned on the sample dried at 100° C.

It has not been found necessary to introduce into the statement a column giving the amount of ash calculated on the dry substance. The highest percentage of ash found in any sample is 7·20 (No 713) which corresponds to 7·87 on the dry substance. This result disposes of the assertion that many of the teas sold in our markets are artificially coloured or 'faced' because the materials used for the purpose tend to increase the quantity of ash. Neither was any evidence of facing obtained in treating the samples with warm water. Seven of the samples (Nos. 31505, 31508, 29366, 30182, 30161, 28177 and 28180) show smaller percentages of soluble ash in the dried sample than 2·75, but since the amount of hot water extract is not below the minimum they cannot be challenged as containing exhausted tea leaves, although they may be classed as doubtful.

On the whole it has to be stated that there is no evidence of adulteration to be found in the samples collected, although there are no doubt great variations as regards quality. This favourable showing is to be expected in view of the fact that the following clause under 'Prohibited Goods' still forms part of the Customs Tariff:—'1205. 'Tea adulterated with spurious leaf or with exhausted leaves, or containing so great an 'admixture of chemicals or other deleterious substances as to make it unfit for use.' Nevertheless it is necessary that great care should be exercised in the inspection of teas as they arrive at the ports of entry, because, according to the report of the Principal Chemist of Great Britain for the year ended March 31, 1906 (page 7), 'of the 2,917 samples (of tea) examined, 259 were reported against, chiefly on account of the presence of foreign substances.' It is not impossible that some of these rejected lots might find their way to Canada.

It has not been found necessary in the tabulated statement to employ a column for remarks. The following is a classification of the samples which also gives the districts where they were obtained.

Name of Inspection District.	Genuine.	Doubtful.	Total of Samples.
Nova Scotia	5	0	5
Prince Edward Island	2	0	2
New Brunswick	5	0	5
Quebec	8	0	8
St. Hyacinthe	8	0	8
Montreal	8	2	10
Ottawa	7	1	8
Kingston	8	0	8
Toronto	9	1	10
London	7	1	8
Manitoba	8	0	8
Calgary	4	0	4
British Columbia	3	2	5
	82	7	89

I have the honour to be, sir,

Your obedient servant,

THOMAS MACFARLANE,

Chief Analyst.

DESCRIPTION OF AND RESULTS OF

DISTRICT OF NOVA SCOTIA—

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost. Quality.	Cost. Price.	Name and Address of Manufacturer or Furnisher.
1906.					cts.	
Aug. 28	Black Tea	27475	J. F. Crowe & Co., Halifax	¾ lb.	25	Vim Tea Co., St. John, N.B
" 28	" "	27478	H. Wentzell & Co. "	¾ "	25	Blended by vendor.
" 29	" "	27480	Jas. McGregor "	1 "	40	Bauld Bros. & Co., Halifax.
" 30	Green Tea	27484	Lovitt & Lovitt, Yarmouth, N.S.	1 "	50	W. F. Hatheway, St. John, N.B.
" 31	Black Tea	27488	Cain Bros., Yarmouth, N.S.	¾ "	25	T. Wood & Co., Montreal.

DISTRICT OF PRINCE EDWARD ISLAND—

Aug. 23	Tea, Black	28320	Sanderson & Co., Charlottetown.	1 lb.	25	Estabrook, St. John, N.B.
" 23	" "	28321	Beer & Goff, Charlottetown.	1 "	25	H. Haszard, Charlottetown P.E.I

DISTRICT OF NEW BRUNSWICK—

Aug. 21	Tea, Black	24265	The Vim Tea Co., Ltd., Ward St., St. John, N.B.	1½ lb.	53	The Vim Tea Co., Ltd., importers, packers and blenders, St. John, N.B.
" 21	" "	24266	J. J. McGaffigan Co., Ltd., 55 Dock St., St. John, N.B.	1½ "	53	J. J. McGaffigan Co., Ltd., blenders and packers, 55 Dock St., St. John, N.B.
" 21	" "	24267	Harry W. DeForrest, 16 Mill St., St. John, N.B.	1½ "	53	Harry W. DeForrest, 16 Mill St., blender and packer, St. John, N.B.
" 22	" "	24268	Maple Leaf Tea Co., 11 Germain St., St. John, N.B.	1½ "	53	Joseph Travers & Sons, London, England.
" 22	" "	24269	T. H. Estabrooks, cor. Mill and North Sts., St. John, N.B.	1½ "	60	T. H. Estabrooks, blender and packer, cor. Mill and North Sts., St. John, N.B.

DISTRICT OF QUEBEC—

Aug. 29	Tea, Green	712	Alfred Belodeau, Roberval, Que.	1 lb.	40	Leclerc & Letellier, Que.
" 29	" "	713	Alf. Lalancet, Roberval, Que.	1 "	40	Stroud, Montreal.

EXAMINING 89 SAMPLES OF TEA.

R. J. WAUGH, INSPECTOR.

Inspector's Report.	Results of Analysis.						Botanical Examination.
	Ash				Moisture	Hot Water Extract.	
	Total.	Water Soluble.	Acid Soluble.	Acid Insoluble.			
	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
Sold as Vim tea. Vendor is a wholesale dealer.	6·02	3·56	2·22	0·24	8·20	38·45	Tea leaves: large, broken and stems.
Sold as 'Three Star' brand.	5·62	3·46	2·02	0·14	7·10	36·90	Tea leaves: large, broken and stems.
Sold as Queen brand...	5·48	3·50	1·80	0·18	7·25	33·05	Tea leaves: large, broken and stems.
Vendors are wholesale dealers. Taken from bulk.	5·36	3·02	1·94	0·40	7·35	34·65	Tea leaves, large.
Sold as Coronation brand. Taken from bulk.	5·68	3·02	2·48	0·18	8·25	31·15	Tea leaves very large; broken.

T. MOORE, INSPECTOR.

Red Cross blend.....	5·54	3·40	2·02	0·12	7·00	32·95	Tea leaves broken with many stems.
Haszards blend.....	5·48	3·24	2·08	0·16	7·10	30·50	Tea leaves medium size and broken.

J. C. FERGUSON, INSPECTOR.

Labelled ½ lb. 'Vim tea. Indo-Ceylon tea.'	5·68	3·62	1·86	0·20	6·80	36·50	Tea leaves much broken.
Labelled 'Lea Rose blend. India and Ceylon.'	5·40	3·50	1·78	0·12	7·70	30·60	Tea leaves large; broken.
Labelled 'Union blend tea.'	5·54	3·54	1·88	0·12	7·10	32·85	Tea leaves small; broken and with many stems.
Labelled 'Maple Leaf; pure Indo-Ceylon.'	5·64	3·60	1·94	0·10	7·35	30·90	Tea leaves small; broken and stems.
Labelled 'Red Rose tea; pure Indo-Ceylon.'	5·32	3·48	1·66	0·18	7·10	36·40	Tea leaves large and broken, and stems.

C. E. ROY, INSPECTOR.

.....	6·00	3·06	1·94	1·06	7·00	32·80	Tea leaves large.
.....	7·20	3·14	2·76	1·30	8·55	31·80	" and broken.

DESCRIPTION OF AND RESULTS OF

DISTRICT OF QUEBEC—

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Price.	Name and Address of Manufacturer or Furnisher.
1906					cts	
Aug. 30..	Tea, Green..... ...	716	J. T. Laferriere et Cie, Incpd., Que.	1 lb.	50	Coté, Boivin et Cie, Chicoutimi.
" 30..	" Salada Ceylon....	718	Haddad & Sawaga, Chicoutimi, Que.	1 "	20	P. C. Larkin & Co., Montreal.
" 31..	" Conqueror..... ...	720	Odina Simard, Bagotville, Que.	1 "	40	W. D. Stroud & Sons, Montreal.
" 31..	" Ceylon.....	722	P. Chayer, Bagotville, Que.	1 "	40	N. Turcotte et Cie, Que.
Sept. 11..	" Japan	729	Arthur Ouellet, Rimouski, Que.	1 "	40	Turcotte et frère, Que.
" 12..	" Salada.....	730	Elz. Belanger, Pointeau Père, Que.	1 "	50	P. C. Larkin & Co., Montreal.

DISTRICT OF ST. HYACINTHE—

Aug. 20..	Green Tea, 'Blue Ribbon.'	460	A. C. Trempe, Sorel	1 lb.	30	The Blue Ribbon Tea Co., Toronto.
" 21..	Green Tea, 'Gunpowder.'	461	A. Plante, Berthierville	1 "	20	L. Chaput et fils et Cie, Montreal.
" 21..	Green Tea, Ceylon 'Salada.'	462	T. A. Mercier, L'Epiphanie.	1 "	30	Salada Tea Co., Montreal.
" 21..	Green Japanese Tea.	463	C. Barette, Joliette.....	1 "	35	E. D. Marceau, Montreal.
" 22..	Black Tea....	464	E. Benoit, Shawenegan Falls.	1 "	40	Not known..
" 23..	"	465	W. E. Chamberland & Co., Grand Mere.	1 "	25	Alf. Tyler, London, Ont.
" 23..	"	466	Grenier et Paquin, Grand Mère.	¾ "	23	Hudon, Hebert et Cie, Montreal.
" 24..	"	467	Poirier et Abran, Three Rivers.	1 "	25	L. Chaput, fils et Cie, Montreal.

DISTRICT OF MONTREAL—

Aug. 22.	Black Tea.....	31501	D. Stroud, 622 Notre Dame West, Montreal.	1 lb.	25	Vendor ... ..
" 22..	"	31502	" " ..	1 "	40	" .....
" 22..	"	31503	S. T. Spindle, 502, Notre Dame West, Montreal.	1 "	40	" .... ..
" 23..	Japan Tea.....	31504	Plourde et Sirois, 110 St. Lawrence, Montreal.	1 "	30	T. H. Estabrooks, Montreal.
" 24..	Green Tea.....	31505	N. Beaudoin, 687 Mount Royal Ave.	1 "	25	Mathewson & Son, Montreal.

EXAMINING 89 SAMPLES OF TEA—*Continued.*

C. E. ROY, INSPECTOR—*Concluded.*

Inspector's Report.	Results of Analysis.						Botanical Examination.
	Ash.				Moisture.	Hot Water Extract.	
	Total.	Water Soluble.	Acid Soluble.	Acid Insoluble.			
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
.....	6·28	2·92	2·70	0·66	5·95	30·60	T[illegible] [illegible]
.....	4·88	3·12	1·68	0·08	7·10	34·70	Tea [illegible] small and broken.
.....	5·26	3·46	1·70	0·10	7·50	36·90	Tea leaves broken and some stems.
.....	5·08	3·14	1·84	0·10	6·85	35·40	Tea leaves broken.
.....	5·76	3·24	1·98	0·54	5·85	36·15	"
.....	4·64	2·90	1·64	0·[illegible]0	7·50	36·40	Tea leaves small and broken.

J. C. ROULEAU, INSPECTOR.

Included in department's samples.	4·74	2·72	2·02	0·20	7·85	35·85	Tea leaves large and broken.
Out of a 30 lb. case....	4·90	2·64	2·14	0·12	7·65	30·85	Tea leaves.
Guaranteed as pure, uncolored by the Salada Tea Co.	4·72	2·96	1·68	0·08	8·10	38·40	Tea leaves large and broken.
Out of 80 lb. case.	5·74	2·72	2·52	0	7·65	33·20	" "
.....	4·84	2·98	[illegible]·80	0	8·65	33·40	Tea leaves and stems; the former large and broken.
Box marked P/O. T. & C., London, Piplagool 2949.	4·92	3·20	1·72	0·00	8·85	29·15	Tea leaves very large but broken.
Out of a 45 lb. case, marked Horton Ceylon Pekoe, H/H Montreal.	4·[illegible]	3·28	1·[illegible]	0·06	8·85	31·25	Tea leaves broken.
Box marked choice, first crop, Packling Concon S/H E/C Kut Chong.	4·86	3·08	1·60	0·12	8·75	29·30	Tea leaves medium size and broken.

J. J. COSTIGAN, INSPECTOR.

Imported direct by vendor; blended.	4·74	3·02	1·66	0·06	9·20	26·50	Tea leaves and stems; the former broken.
" " ..	4·52	2·96	1·43	0·08	9·60	32·10	Tea leaves broken and many stems.
" " ..	4·52	2·84	1.54	0·14	8·15	33·65	Tea leaves large and broken.
Blended.....	5·46	3·74	1·44	3·28	7·45	35·25	Tea leaves broken.
.....	5·80	2·32	2·96	0·52	7·40	36·30	" "

DESCRIPTION OF AND RESULTS OF

DISTRICT OF MONTREAL

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Price.	Name and Address of Manufacturer or Furnisher.
1906.					Cts.	
Aug. 24	Japan Tea	31506	N. Beaudoin, 687 Mount Royal Ave.	1 lb.	20	Kearney Brothers, Montreal.
" 24	Black Tea	31507	J. V. Boudrias, 223 Notre Dame St. East, Montreal.	1 "	25	John Duncan & Co., Montreal.
" 24	Green Tea	31508	" "	1 "	20	Not known
" 28	Japan Tea	31509	H. F. Barre, 4818 St. Catherine, Maisonneuve.	1 "	25	" "
" 31	"	31510	English Provision Co., 681 St. Catherine West, Montraal.	1 "	40	" "

DISTRICT OF OTTAWA

Sept. 10	Green Tea	29361	Alex. Larose, 128 Queen St. West, Ottawa.	1 lb.	30	Bate & Sons, Ottawa.
" 10	Black Tea	29 62	" "	1 "	30	" "
" 10	Green Tea, Ceylon	29365	A. Boivin, 86 Queen St. West, Ottawa.	1 "	40	Anglo-Saxon Tea Co., Ceylon and India.
" 10	Black Salada Tea	29366	" "	1 "	50	" "
" 10	Black Tea, No. 2	29367	Capital Blend Tea Co., 326 Queen St., Ottawa.	1 "	25	Vendors
" 10	" No. 02	29368	" "	1 "	30	"
" 10	Japan Tea No. 2, Green.	29369	" "	1 "	25	"
" 10	Japan Tea No. 02, Green.	29370	" "	1 "	30	"

DISTRICT OF KINGSTON

Aug. 21	Black Tea	29481	C. S. Litton, Alfred St., Kingston.	1 lb.	30	Estabrook
" 21	Japan Tea	29482	" "	1 "	30	W. G. Craig Co., Kingston.
" 21	Black Tea	29485	W. J. Nesbett, Johnston St., Kingston.	1 "	40	Robertson & Son, Kingston.
" 21	Japan Tea	29486	" "	1 "	30	Redden, Kingston.
" 21	Black Tea	29488	F. Ostler, Johnston St., Kingston.	1 "	30	W.G.Craig, Kingston.
" 21	Salada Tea	29489	" "	1 "	30	" "
" 21	Japan Tea	29493	F. A. Allan, Alfred St., Kingston.	1 "	30	Will. Gilbreth, Montreal.
" 21	Black Tea	29494	" "	1 "	30	Robertson Nicolle, Kingston.

EXAMINING 89 SAMPLES OF TEA—*Continued.*

J. J. COSTIGAN, INSPECTOR—*Concluded.*

Inspector's Report.	Results of Analysis.						Botanical Examination.
	Ash.						
	Total.	Water Soluble.	Acid Soluble.	Acid Insoluble.	Moisture.	Hot Water Extract.	
	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
.....	4·48	3·24	1·20	0·04	7·70	37·30	Tea leaves broken with a few stems.
.....	5·26	3·16	1·68	0·42	7·95	33·40	Tea leaves broken with many stems.
.....	5·88	2·52	2·60	0·76	7·25	30·05	Tea leaves large and broken with a few stems.
.....	5.26	3·14	1·76	0·36	7·30	31·90	Tea leaves small and broken.
Uncoloured.....	5·20	3.28	1·78	0·14	7·00	35·00	Tea leaves small.

A. E. SANDERSON, INSPECTOR.

Labelled 'Tricotta Ceylon; Young-Hyson; bulked.'	5·60	3·00	2.20	0·40	7·70	38·25	Tea leaves broken and many stems.
Labelled 'Blend'. ..	4·54	3·18	1·36	0·00	8·50	34·15	Tea leaves small and broken.
Labelled 'uncoloured Ceylon green.'	5·04	3·14	1·90	0·00	7·00	36·70	Tea leaves broken and many stems.
Labelled 'Salada Ceylon Tea.'	4·68	2·14	2·46	0·08	7·70	31·80	Tea leaves small and broken.
Labelled 'Capital Blend Tea Co.; purity, flavour and excellence guaranteed.'	5·12	3·26	1·86	0·00	7·45	34·15	Tea leaves and stems; the former large and broken.
" " ..	4·68	3·02	1·64	0·02	7·15	35·45	Tea leaves broken.
Labelled 'Capital blend.'	5·20	3·00	2·00	0·20	7·75	36·90	Tea leaves medium size and broken.
" " ..	5·46	3·28	2·18	0·00	7.75	30·40	Tea leaves and stems; the former broken.

J. HOGAN, INSPECTOR.

.....	4·96	3·28	1·68	0·00	8·45	32·80	Tea leaves broken and stems.
.....	5·30	3·46	1·84	0·00	7·50	39·40	" "
.....	4·80	3·24	1·56	0·00	8·40	33·05	Tea leaves broken and many stems.
.....	5·60	3·06	2·12	0·42	7·25	36·55	Tea leaves broken.
.....	5·06	3·68	1·32	0·06	7·80	34·40	Tea leaves large; broken.
.....	4·98	2·62	2·16	0·20	7·45	33·75	Tea leaves broken.
.....	5·60	3·62	1·82	0·16	7·45	35·75	Tea leaves large; broken.
.....	4·04	2·88	1·16	0·00	8·65	31·85	Tea leaves broken; many stems.

DESCRIPTION OF AND RESULTS OF

DISTRICT OF TORONTO—

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Price.	Name and Address of Manufacturer or Furnisher.
1906.					cts.	
Sept. 4..	Ceylon Black Tea	30170	M. E. Goddard, 448 King St., Toronto.	½ lb.	13	R B. Hayhoe & Co. wholesale, Toronto.
" 4..	Black Tea	30172	T. Creay, 318 Queen St., Toronto.	½ "	20	White & Co., wholesale, Toronto.
" 5.	Tea, Young-Hyson. ..	30177	A. F. Barker, 302 Yonge St., Toronto.	½ "	15	Not known.....
" 5..	India-Ceylon Tea	30180	T. Eaton & Co., Yonge St., Toronto.	1 "	23	Vendors blend the tea themselves.
" 5..	Ceylon Tea, Black ...	30182	R. Simpson, Yonge St., Toronto.	1 "	25	" " ..
" 6..	Lipton's Black and Green Tea, Ceylon.	30183	Kelley Bros., 90 Queen St., Toronto.	½ "	20	R. Lipton, agent for Thos. Lipton.
" 6..	Blue Ribbon Tea.....	30185	J. W. Nettleton, cor. Church & Queen Sts., Toronto.	1 "	25	Blue Ribbon Tea Co., Toronto.
" 6..	India Tea	30187	H. McDougall, Toronto.....	1 "	25	Vendor.....
" 6..	Salada Tea	30190	Mrs. R. Davis, 120 York St., Toronto.	½ "	20	Salada Tea Co., Toronto.
" 6..	Red Rose Tea	30191	Mrs. Crapper, Georges St., Toronto.	½ "	20	T. H. Estabrook, St. John, N.B..

DISTRICT OF LONDON—

Aug. 23 .	Gunpowder Tea. . .	30150	Orman & Mallion, Stratford.	½ lb.	18	Not known.....
" 23..	Black Tea	30151	Will J. N. Nolfolk, Stratford	½ "	13	McPherson, Glasco & Co., wholesale, Hamilton.
" 24..	Young Hyson Tea ...	30156	W. J. Cherney, Windsor, Ont.	½ "	25	Not known.....
" 24 .	India Ceylon Tea.....	30157	Fielding & Campead, Windsor, Ont.	1 "	50	T. H. Estabrook, St. John, N.B.
" 24..	Ceylon Tea	30158	Taylor & Williamson, Chatham, Ont.	½ "	30	S. T. Durand & Co., wholesale, Montreal.
" 24..	Salada Black Tea ...	30159	William Anderson, Chatham, Ont.	1 "	25	P. C. Larkin & Co., Toronto.
" 25.	India Ceylon Tea, Black Tea.	30161	George S. Hayward, Chatham, Ont.	½ "	25	Vendor.....
" 28 .	China Black Tea.... .	30168	Williams & Purcell, Seaforth, Ont.	½ "	25	McPherson, Glasco & Co., wholesale, Hamilton.

DISTRICT OF MANITOBA—

Sept. 12 .	Tea, Black.....	25791	K. McKenzie & Co., Winnipeg.	1 lb.	35	Mazawattee Tea Co., London, Eng
" 12..	"	25792	Campbell Bros. & Wilson, Winnipeg.	1 "	35	Packed by vendors

EXAMINING 89 SAMPLES OF TEA—*Continued.*

T. KIDD, ACTING INSPECTOR.

Inspector's Report.	Results of Analysis.						Botanical Examination.
	Ash.				Moisture.	Hot Water Extract.	
	Total.	Water Soluble.	Acid Soluble.	Acid Insoluble.			
	p. c.	p. c.	p. c.	p. c	p. c.	p. c.	
.....	4·58	2·76	1·76	0·06	7·65	33·80	Tea leaves large; broken.
.....	4·24	2·80	1·42	0·02	7·80	31·80	" small; broken.
Green, Young-Hyson..	4·92	3·28	1·58	0·06	6·95	35·85	" very small; broken.
.....	5·00	2·98	1·90	0·12	6·75	32·65	" large; broken; a few stems.
Heather brand.....	4·32	2·14	2·18	0·00	7·60	32·85	" large; broken; many stems.
Ceylon, green and black	4·96	2·64	2·24	0·88	7·60	32·70	" broken; stems.
India-Ceylon tea; blended black tea.	4·86	2·90	1·78	0·18	7·50	35·30	" large; broken.
Vendor imports and blends himself; called 'Hin alagan' tea.	5·24	3·24	2·00	0·00	7·15	34·30	" "
.....	4·66	2·84	1·82	0·00	7·05	37·20	" "
Branded pure India-Ceylon tea; black.	4·30	2·66	1·56	0·08	6·75	35·75	" "

T. KIDD, INSPECTOR.

Gunpowder tea	6·36	3·32	2·64	0·40	7·10	33·90	Tea leaves large.
Blended by vendor in Stratford.	5·86	3·90	1·92	0·04	8·05	30·40	" broken.
.....	6·02	3·88	1·88	0·26	6·90	40·50	" small; broken.
Called Red Rose tea...	4·40	2·96	1·44	0·00	7·45	36·00	" broken.
Called Mazawattee Ceylon tea.	4·04	2·64	1·32	0·08	8·25	34·50	" much broken; a few stems.
Called Salada tea	4·80	3·04	1·76	0·00	7·60	35·50	" large; broken.
Blended by vendor....	4·10	2·48	1·62	0·00	7·50	33·15	" broken; many stems.
Called China black tea.	4·54	2·80	1·74	0·00	7·65	37·70	" broken; many stems.

W. M. CONKLIN, INSPECTOR.

.....	4.76	2·96	1·72	0·08	7·75	35·55	Tea leaves broken; stems.
.....	4·72	3·30	1·38	0·04	7·75	38·95	" broken; many stems.

EXAMINING 89 SAMPLES OF TEA—*Concluded.*

W. M. CONKLIN, INSPECTOR—*Concluded*

Inspector's Report.	Results of Analysis.						Botanical Examination.
	Ash.				Moisture.	Hot Water Extract.	
	Total.	Water Soluble.	Acid Soluble.	Acid Insoluble.			
	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
.....	5·04	2·98	1·88	0·18	7·70	31·65	Tea leaves much broken.
.....	4·62	2·76	1·86	0·00	7·75	35·75	" broken.
.....	4·64	3·02	1·62	0·00	7·68	36·20	" much broken; stems.
.....	5·80	4·12	1·68	0·00	7·55	36·55	" broken; a few stems.
.....	4·50	3·04	1·46	0·00	7·70	33·25	" broken; stems.
.....	4·72	3·00	1·50	0·22	7·10	33·35	" small; broken; a few stems.
W. FLETCHER, INSPECTOR.							
.....	5·70	3·78	1·70	0·22	7·10	36·00	Tea leaves much broken; stems.
.....	5·06	3·32	1·58	0·16	6·50	34·65	Tea leaves broken; stems.
.....	4·42	2·90	1·46	0·06	7·75	36·40	" large; broken.
.....	4·28	2·72	1·50	0·06	7·65	35·00	" much broken; stems.
E. B. PARKINSON, INSPECTOR.							
Star of India Green Label brand. This tea is put up in packages marked W. Tufts & Sons. Vendor having bought the business from them and using their old labels and wrappers. Imported.	5·28	3·18	2·02	0·08	8·20	34·65	Tea leaves broken; stems.
Vendor did not know the name or brand; no name or brand on package. Imported.	4·40	3·20	1·14	0·06	7·80	34.85	" broken.
'Salada brand.' Guaranteed pure uncoloured natural leaf Ceylon green and superior to that of finest Japan and has the advantage of being cleanly prepared.	4·16	2·44	1·72	0·00	6·90	42·30	" broken; many stems.
Imported. Dandie No. 2 brand.	5·06	2·20	2·64	0·22	8·40	32·75	Tea leaves large: broken stems.
Japan tea. Imported.	5·46	3·90	1·26	0·30	[illegible]·85	35·75	Tea leaves broken.